



## NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H090103-D

**Mode:** Highway

**Status:** Submitted

### US-17

**From/Cross Street:** SR 1646 (Mile Road) in Craven County

**Specific Improvement Type:** 1 - Widen Existing Roadway

**To:** SR 1130 (C.C. Road) in Beaufort County

**Project Category:** Statewide Mobility

**Length:** 3.94

**TIP#:** R-2513D

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$21,500,000

#### Description:

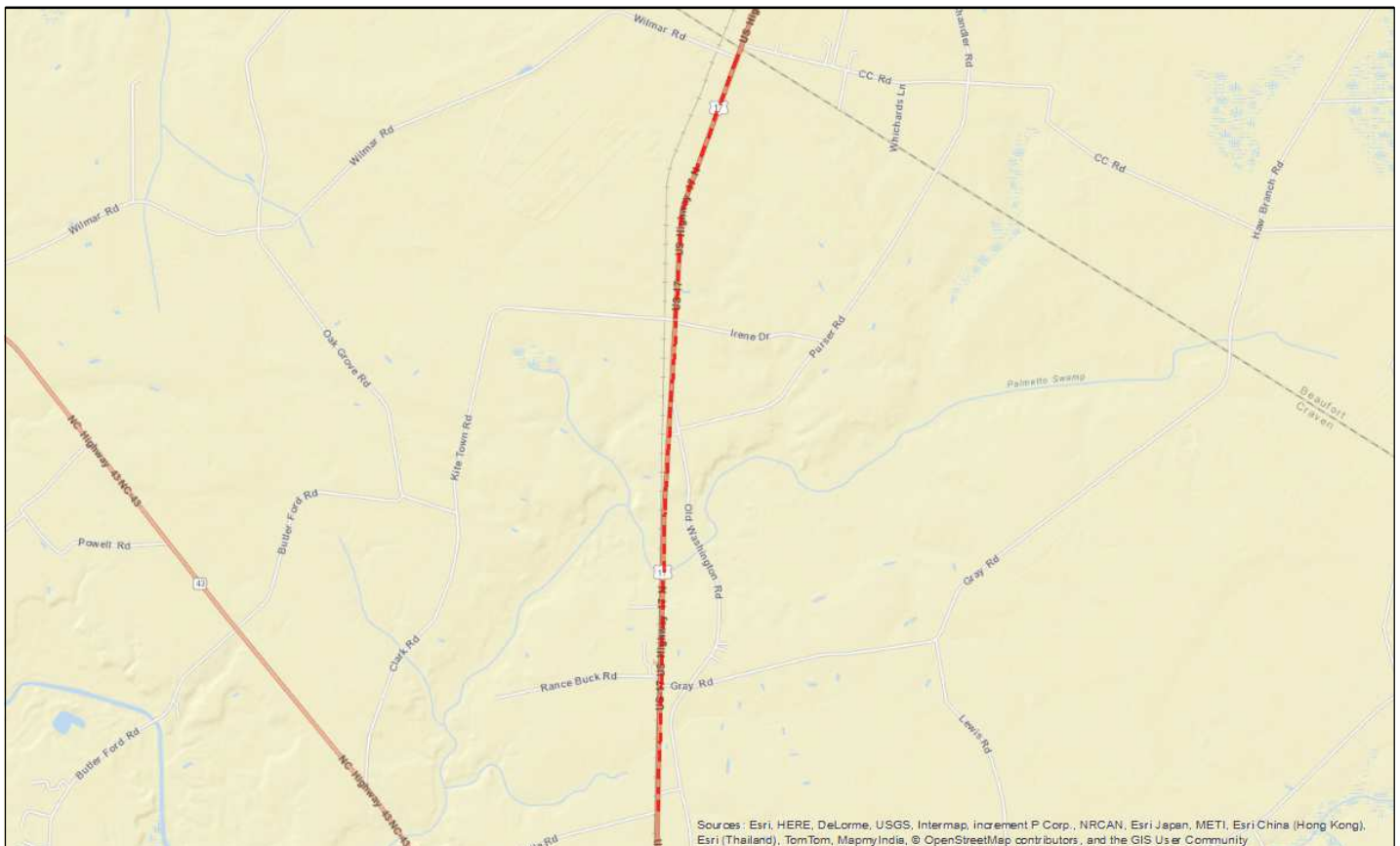
Widen to Multi-Lanes.

**Division(s):** Division 2

**County(s):** CRAVEN, BEAUFORT

**MPOS(s)/RPO(s):** Down East RPO, Mid-East RPO

#### Project Location



**Statewide Mobility Total Score: 8.93**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (30%) 21.69	N/A	N/A
Safety (10%) 0.00		
Economic Competitiveness (10%) 0.15		
Multimodal + [Freight & Military] (20%) 11.95		
[Travel Time] Benefit/Cost (30%) 0.06		
<b>Totals: Weight: 100% Weighted Score: 8.93</b>		

**Regional Impact Total Score: 16.8**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (20%) 0.06	Percent: 15% Points: 0	Percent: 15% Points: 92
Safety (25%) 0.00		
Multimodal + [Freight & Military] (25%) 11.95		
<b>Totals: Weight: 70% Weighted Score: 3</b>		

**Division Needs Total Score: 5.53**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 21.69	Percent: 25% Points: 0	Percent: 25% Points: 0
Safety (20%) 0.00		
Multimodal + [Freight & Military] (10%) 11.95		
<b>Totals: Weight: 50% Weighted Score: 5.53</b>		

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	3.94
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	4
Roadway has Curb & Gutter?	No
Volume (AADT):	5079.59
Capacity:	15500
Volume/Capacity Ratio:	0.33
% Autos:	85%
% Trucks:	15%
Truck Volume:	750.86
Crash Density:	0
Crash Severity:	0
Critical Crash Rate:	0
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	Yes
Average Commuting Time:	25
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	93
Actual Congested Speed:	57
Travel Time Index:	0.96

**Project Benefits**

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	55
Length (miles):	3.94
Facility Type:	Multi-Lane Highway
Access Control:	Partial
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	56819.88
Travel Time Savings for 30 Years (Autos):	48420.84
Travel Time Savings for 30 Years (Trucks):	8399.04
Long-Term Employment:	1
% Change in Economy:	2.04E-06
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	Yes
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 2

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

**Project Ownership****Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 2	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>0</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Down East RPO	100%	92	0
Mid-East RPO	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>92</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$17,500,000	TIP Unit
Right-of-Way Cost:	\$4,000,000	TIP Unit
Utilities Cost:	\$0	TIP Unit
Total Project Cost:	\$21,500,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$21,500,000</b>	